

CLAIMS:

1. A method of providing a wireless service connection for a mobile vehicle comprising:
- prioritizing a portion of a system access list based on a channel identifier in a first band;
- selecting a secondary channel that is not in the system access list portion in response to a failed connection notification from channels in the system access list portion
- Connection notification comprises a rejection of a call origination.
- Comprises a rejection of an attempt to register with a carrier.
2. The method of claim 1 wherein the portion of the system access list corresponds to a geographical area in proximity to the channel identifier.
3. The method of claim 1 wherein the system access list is comprised of a plurality of records corresponding to a plurality of wireless carriers.
4. The method of claim 1 wherein the secondary channel corresponds to a secondary contract carrier.
5. The method of claim 1 wherein the secondary channel is in a second band.
6. The method of claim 1 wherein the secondary channel is a non-preferred channel.

7. The method of claim 1 further comprising:  
registering a mobile phone with a contract carrier.
- 5 8. The method of claim 1 further comprising:  
originating a call request with a contract carrier.
9. The method of claim 1 further comprising:  
accessing a contract carrier using a cleared connection number in  
10 response to a failed connection notification on the secondary channel.
10. The method of claim 1 further comprising:  
switching to an analog band in response to a failed connection  
notification on the secondary channel; and
- 15 accessing a channel in the analog band using a cleared connection  
number.
11. A computer usable medium including a program for providing a  
wireless service connection for a mobile phone comprising:  
20 computer program code for prioritizing a portion of a system access  
list based on a channel identifier in a first band;  
computer program code for receiving a failed connection  
notification on a primary channel of the system access list portion; and  
computer program code for selecting a secondary channel of the  
25 system access list portion in response to the failed connection notification on the  
primary channel.

12. The computer usable medium of claim 11 further comprising:  
computer program code for registering a mobile phone with a  
contract carrier.
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13. The computer usable medium of claim 11 further comprising:  
computer program code for originating a call request with a contract  
carrier.
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14. The computer usable medium of claim 11 further comprising:  
computer program code for accessing a contract carrier using a  
cleared connection number in response to a failed connection notification on the  
secondary channel.
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15. The computer usable medium of claim 11 further comprising:  
computer program code for switching to an analog band in  
response to a failed connection notification on the secondary channel; and  
computer program code for accessing a channel in the analog band  
using a cleared connection number.
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16. A wireless service connection system for providing a wireless  
service connection for a mobile phone comprising:  
means for prioritizing a portion of a system access list based on a  
channel identifier in a first band;
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- means for receiving a failed connection notification on a primary  
channel of the system access list portion; and  
means for selecting a secondary channel of the system access list  
portion in response to the failed connection notification on the primary channel.

17. The system of claim 16 further comprising:  
means for registering a mobile phone with a contract carrier.
- 5       18. The system of claim 16 further comprising:  
means for originating a call request with a contract carrier.
19. The system of claim 16 further comprising:  
means for accessing a contract carrier using a cleared connection  
10      number in response to a failed connection notification on the secondary channel.
20. The system of claim 16 further comprising:  
means for switching to an analog band in response to a failed  
connection notification on the secondary channel; and  
15      means for accessing a channel in the analog band using a cleared  
connection number.

TELESTET - BEZADENT